

Product Catalog



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From Sand To Systems.

You may know Samsung as the world's largest manufacturer of high-quality computer monitors. But we also produce a full line of PC and LAN computers for virtually every application. And as you'd expect, every Samsung PC reflects only the highest standards of quality and value.

Samsung is a true manufacturer—turning sand into systems. From silicon sand, we produce our own high-speed memory chips. We also manufacture every component found in our world-renowned monitors. Because we carefully control every step of the manufacturing process, you're assured of quality, reliability and affordability. Finally, every product is backed by the strength and reputation of Samsung—a \$31 billion industrial corporation—the world's 17th largest.

PC Products



4 Value Runs In Our Family.

As a world leader in the PC industry, Samsung offers a broad selection of high-quality, reliable, full-featured personal computers. From our high-speed portables to our high-powered 386 systems, every Samsung PC is an exceptional value that combines high performance with affordable prices.

That's why thousands of Samsung computers are purchased by other manufacturers for sale under their own label. Industry insiders have long known that while you can pay more for a computer, you can't get a better value than you can from Samsung.

Whether you're new to computing or a seasoned power user, you'll find a Samsung PC that offers just the right combination of features for your needs and applications.

S3000VE

10 MHz XT® Compatible



Affordable XT compatible serves well as either a stand-alone system or a low-cost LAN workstation.

10MHz operating speed delivers enough power for demanding tasks.

Full-featured standard equipment includes 768KB RAM, one 360KB 5 1/4" floppy drive and a 101-key keyboard. Supports all standard graphic modes with an optional CGA, EGA or VGA video adapter.

Expansion capabilities are provided by five expansion slots, one available drive bay, and built-in parallel and serial ports.

Specifications Summary

Microprocessor	8088-1
Operating Speed	4.77MHz or 10MHz, keyboard selectable
On-Board RAM	768KB
Expansion Slots	Five 8-bit; all available
Built-in Ports	One serial, one parallel port
Data Storage	One 360KB 5 1/4" floppy disk drive; one additional drive bay available
Power Supply	90 Watts
Keyboard	101-key, enhanced AT compatible
Dimensions	14.0" x 5.7" x 15.0" (W x H x D)
Operating System	MS-DOS; GW-BASIC

S550

12 MHz AT® Compatible



6

The compact, yet powerful S550 is the ideal partner for a wide range of personal computing applications.

Fast, 12MHz operating speed with one wait state.

Standard equipment includes 1MB of RAM, a 1.2MB 5 1/4" floppy disk drive, two additional drive bays, eight expansion slots, a built-in parallel port and two serial ports.

Supports all standard graphic display interfaces by installing an optional CGA, EGA or VGA video display adapter.

Specifications Summary

Microprocessor	80286
Operating Speed	8MHz or 12MHz, one wait state, keyboard selectable
On-Board RAM	1MB
Expansion Slots	Eight; six 16-bit, two 8-bit; all available
Built-in Ports	Two serial, one parallel port
Data Storage	One 1.2MB 5 1/4" floppy disk drive; two additional drive bays available
Power Supply	200 Watts
Keyboard	101-key, enhanced AT compatible
Dimensions	16.0" x 6.1" x 16.0" (W x H x D)
Operating System	MS-DOS; GW-BASIC

SD630

12 MHz AT® Compatible



7

Affordable 286 processing power with a wide range of features, the SD630 is an excellent choice as a stand-alone system or powerful workstation.

12MHz operating speed handles demanding programs with ease.

Full range of standard features includes 640KB RAM, 101-key enhanced AT keyboard, a 1.2MB 5 1/4" floppy disk drive, two additional drive bays, one parallel and two serial ports.

Supports all standard graphic display interfaces by installing an optional CGA, EGA or VGA video display adapter.

Specifications Summary

Microprocessor	80286
Operating Speed	8MHz or 12MHz, one wait state, keyboard selectable
On-Board RAM	640KB expandable to 2MB on the motherboard
Expansion Slots	Five 16-bit; all available
Built-in Ports	Two serial, one parallel port
Data Storage	One 1.2MB 5 1/4" floppy disk drive; two additional drive bays available
Power Supply	135 Watts
Keyboard	101-key, enhanced AT compatible
Dimensions	14.0" x 5.6" x 15.5" (W x H x D)
Operating System	MS-DOS; GW-BASIC

S800

20 MHz 386® AT Compatible



8

An outstanding combination of power, performance and value. Perfect as a stand-alone system, powerful workstation, or fast, low-cost fileserver.

20MHz operating speed and 1MB of RAM.

Full-featured standard equipment includes a 1.44MB 3 1/2" floppy disk drive, a 1.2MB 5 1/4" floppy disk drive, eight expansion slots, two serial ports, one parallel port and a 101-key enhanced AT keyboard.

Additional data storage is available with three half-height drive bays.

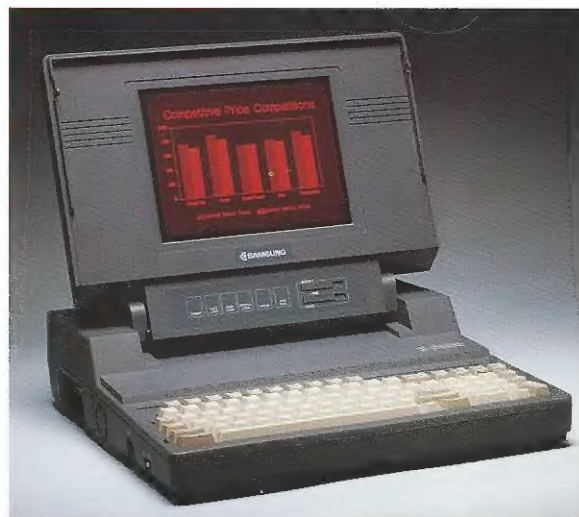
Supports all standard graphic displays with an optional video adapter.

Specifications Summary

Microprocessor	80386
Operating Speed	10MHz or 20MHz, zero wait state, keyboard selectable
On-Board RAM	1MB; expandable to 8MB
Expansion Slots	Eight; one 32-bit, six 16-bit, one 8-bit
Built-in Ports	Two serial, one parallel port
Data Storage	One 1.2MB, 5 1/4" floppy disk drive and one 1.44MB 3 1/2" floppy disk drive; three additional drive bays available
Power Supply	240 Watts
Keyboard	101-key, enhanced AT compatible
Dimensions	20.9" X 6.6" X 16.8" (W x H x D)
Operating System	MS-DOS; GW BASIC

S5200

12MHz Portable AT® Compatible



9

Compact, high-speed portable with all the features of advanced desktop computers, including a built-in 32MB hard disk drive and 640 x 400 gas-plasma display with external EGA video port.

Powerful 12MHz 80286 microprocessor for fast operating speed. Includes an internal 32MB hard disk and 1.44MB 3 1/2" floppy disk drive, full-size 84-key keyboard and 1MB RAM.

Additional storage and expandability is provided with two internal expansion slots (one 8-bit, one 16-bit).

External ports are provided for EGA monitor, 101-key keyboard, parallel port and serial port.

Specifications Summary

Microprocessor	80286
Operating Speeds	8MHz or 12MHz, one wait state
On-board RAM	1MB; expandable to 4MB
Expansion Slots	Two; one 8-bit and one 16-bit
Built-in Ports	One serial port, one parallel port, one external keyboard port, one external EGA monitor port
Data Storage	Internal 32MB hard disk drive; one 1.44MB 3 1/2" floppy disk drive
Power Supply	96 Watts
Keyboard	84-key, AT compatible
Dimensions	14.5" x 3.9" x 15.6" (W x H x D)
Operating System	MS-DOS; GW-BASIC

LAN Products



Samsung is Novell's Hardware Partner.

Novell is famous for reliable network hardware. Since 1985, Samsung has been the manufacturer behind the Novell® system hardware products.

- 10 Our manufacturing alliance with Novell means you get NetWare® compatible file servers, PC terminals and network cards directly from the source. Samsung's partnership with Novell assures total NetWare compatibility with all of our hardware products and our manufacturing capacity provides prompt availability.

By offering its full line of 100% Novell co-labeled products with Novell NetWare, Samsung becomes the only LAN source you'll need. Bundle any of Samsung's Novell co-labeled products with any version of industry standard NetWare for 100% compatibility.

386AE

16 MHz AT® Compatible Network Fileserver



11

Samsung/Novell Co-labeled Product.

Fast and powerful, the 16MHz 386AE provides 100% compatibility with all versions of Novell NetWare including ELS®, Advanced®, SFT® and NetWare 386®.

Full-featured standard equipment includes 4MB of non-cached RAM for fast system throughput, a 1.2MB 5 1/4" floppy drive, a 375-watt power supply, eight expansion slots, one parallel and two serial ports.

Additional data storage is available with two full-height drive bays. Supports high-capacity SCSI hard disk drives using the Novell DCB.

Specifications Summary

Microprocessor	80386
Operating Speed	8MHz or 16MHz, keyboard selectable
On-board RAM	4MB
Expansion Slots	Eight; two 32-bit, five 16-bit, one 8-bit; all available
Built-in Ports	Two serial, one parallel port
Data Storage	One 1.2MB 5 1/4" floppy disk drive; four additional drive bays available
Power Supply	375 Watts
Keyboard	101-key, enhanced AT compatible
Dimensions	21.20" x 6.38" x 16.63" (W x H x D)

386A3

33 MHz AT®Compatible Network Fileserver



12

Fast, flexible and powerful fileserver designed for the most demanding high-volume, multi-user networks, compatible with all versions of Novell NetWare.

Super-high 33MHz operating speed to handle highly loaded networks.

Full-featured standard equipment includes 4MB of RAM, 64KB of high-speed cache memory, a 1.2MB 5 1/4" floppy drive, a 375-watt power supply, and the Novell DCB/FDC.

Expansion capability is provided by eight expansion slots, built-in parallel and two serial ports and room for two full-height drives.

Specifications Summary

Microprocessor	80386
Operating Speed	8MHz or 33MHz, zero wait state
On-Board RAM	4MB; expandable to 8MB on motherboard; 64KB cache memory expandable to 256KB
Expansion Slots	Eight; one 32-bit, seven 16-bit, one occupied
Built-in Ports	Two serial, one parallel, one UPS monitor port
Data Storage	One 1.2MB 5 1/4" floppy disk drive; four additional half-height (two full-height) drive bays available
Power Supply	375 Watts
Keyboard	101-key, enhanced AT compatible
Dimensions	21.2" x 6.4" x 16.7" (W x H x D)

PCterminal/286

12 MHz AT® Compatible LAN Workstation



13

Samsung/Novell Co-labeled Product.

Versatile and affordable, the PCterminal/286 is a diskless workstation featuring a built-in Ethernet interface. Provides 100% compatibility with all versions of Novell NetWare.

Fast, 12MHz operating speed handles demanding network applications.

Standard equipment includes 640KB of RAM, built-in serial, parallel, and Ethernet interfaces, four expansion slots and integrated CGA/MGA video interface, plus a 101-key keyboard.

Additional data storage is available by installing an optional floppy or hard disk controller.

Specifications Summary

Microprocessor	80286
Operating Speed	6MHz or 12MHz, one wait state
On-Board RAM	640KB; expandable to 1MB
Expansion Slots	Four; three 16-bit, one 8-bit
Built-in Ports	One serial, one parallel, one Ethernet interface port
Data Storage	Optional; supports up to one 1.2MB 5 1/4" or two 1.44MB 3 1/2" floppy disk drives; accommodates a 3 1/2" hard disk drive
Power Supply	135 Watts
Keyboard	101-key, enhanced AT compatible
Dimensions	15.0" X 4.2" X 15.0" (W x H x D)

PCterminal/386SX

16 MHz AT® Compatible LAN Workstation



14

The PCterminal/386SX is a fully AT compatible diskless LAN workstation. Features a built-in Ethernet interface and is compatible with all versions of Novell NetWare.

Fast, 16MHz operating speed and advanced 386SX microprocessor keep pace with increased productivity demands.

Standard equipment includes 2MB of RAM, built-in serial, parallel, and Ethernet interfaces, four expansion slots and a 101-key enhanced AT keyboard.

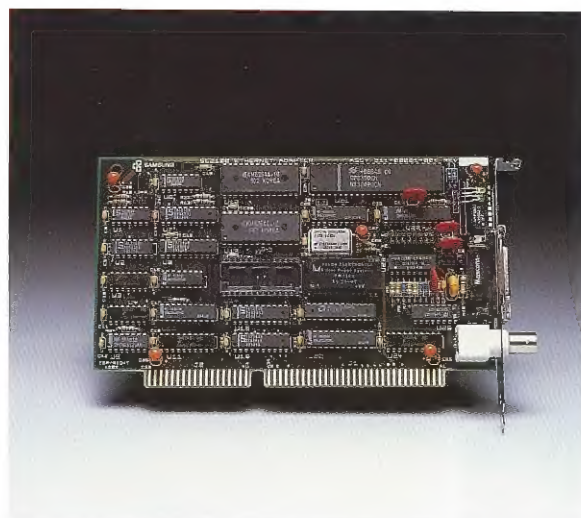
Optional floppy or hard disk controller allows you to use the PCterminal/386SX as a powerful stand-alone system.

Specifications Summary

Microprocessor	80386SX
Operating Speed	8 or 16MHz, one wait state
On-Board RAM	2MB; expandable to 8MB on motherboard
Expansion Slots	Four; three 16-bit, one 8-bit; all available
Built-in Ports	Two serial, one parallel, one Ethernet interface port
Data Storage	Optional; supports up to one 1.2MB 5 1/4" or two 1.44MB 3 1/2" floppy disk drives; accommodates a 3 1/2" hard disk drive
Power Supply	135 Watts
Keyboard	101-key, enhanced AT compatible
Dimensions	15.0" x 4.2" x 15.0" (W x H x D)

SE2100

Ethernet Interface Card



15

The SE2100 is a high-performance, 16-bit memory-mapped Ethernet interface card for all PC's and compatibles. Maximum performance in both file servers and LAN workstations. Provides up to twice the overall system throughput of other cards.

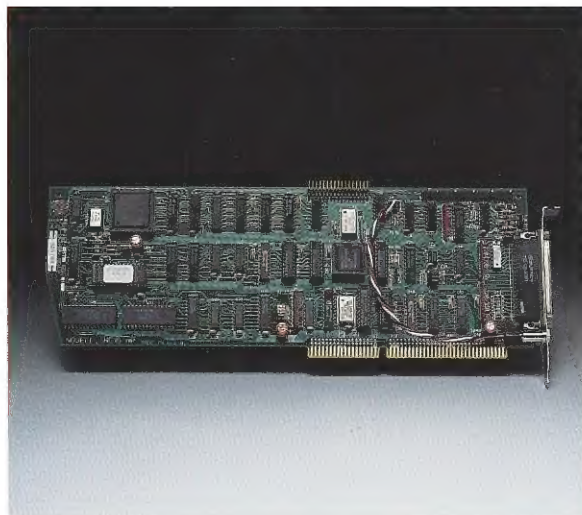
The SE2100 card conforms to IEEE 802.3 specifications for Ethernet type networks; compatible with 8-bit and 16-bit expansion busses. Includes Novell NetWare 2.X drivers and a NetWare Remote Boot EPROM socket.

Specifications Summary

Data Link Interface	10 Megabits/second Complies with IEEE 802.3, 10BASE5, and 10BASE3
LAN Controller	NS DP8390
RAM Memory	16KB
Drivers	Novell NetWare 2.X
Host Interface	8-bit/16-bit bus slot
Connectors	BNC Female, 15-pin D-shell

DCB/FDC

Disk Coprocessor Board/Floppy Disk Controller



16

The DCB/FDC is a high-performance SCSI controller adapter for network file servers, boosting disk throughput with faster data transfers, higher reliability and enhanced data integrity.

Supports up to seven high-capacity SCSI disk drives installed internally or externally.

Fully supports Novell NetWare functions including the disk mirroring and duplexing features of SFT NetWare.

Automatically boots the fileserver and an on-board floppy controller saves an internal slot.

Specifications Summary

Microprocessor	Intel 80188, 8MHz
Memory	16K static RAM, dual-ported between 80188 and fileserver
Bus Interface	16-bit IBM AT compatible; one hardware interrupt and one I/O port, user selectable
Hard Disk Interface	Up to seven SCSI drives or controllers; 50-pin header connector for internal drives 37-pin D connector for external disk subsystems
Floppy Disk Interface	Supports up to two 5 1/4" or 3 1/2" disk drives, high or low density; 34-pin header connector

Novell NetWare

The Industry Standard



17

Novell NetWare is today's most popular network operating system. And because Samsung is Novell's hardware partner, all Samsung LAN products provide maximum compatibility and performance with all versions of NetWare, including:

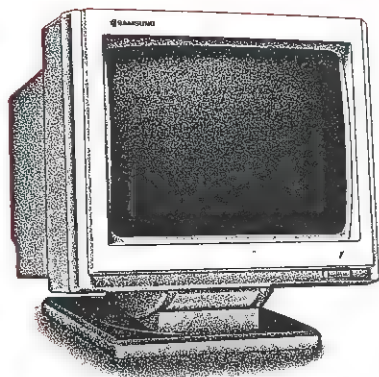
ELS II—Entry level solution for small businesses. Provides NetWare capability at an affordable price. File sharing, print spooling, password security. Supports one server with up to eight concurrent users.

ADVANCED—Provides the sophisticated networking features that made NetWare the industry standard. Network services like: data protection; enhanced security; resource accounting and internetworking. Supports multiple file servers and up to 100 concurrent users.

SFT—System fault tolerant—Increased insurance against system downtime. Reduces the impact of network equipment failure through features like disk mirroring, disk duplexing and duplicate directory structures.

NetWare 386—The seventh generation of the NetWare operating system. Takes full advantage of the speed and power of the 80386 microprocessor and offers unrivaled levels of performance and functionality. Supports up to 250 concurrent user plus 35 trillion bytes of disk storage.

Monitors



Where Value Meets the Eye.

- 18 The right monitor at the right price. That's what has made Samsung the world's largest maker of high quality computer monitors. It starts with the broadest selection of monitors in the industry. Choose from the Master Series for the most demanding applications in the areas of CAD/CAM, presentation graphics or desktop publishing.

Or make your selection from our standard line of monitors designed to meet almost any requirement in business, industry, or home. Monitors that support all popular video standards. Monitors that give you the combination of features that you want. Whatever your needs, you'll find a Samsung monitor that will deliver the performance and the value that you expect.

MA2565/MA2675

12" Amber Monochrome Monitors



Economical monitor with black, non-glare screen that displays clean amber characters, reducing operator fatigue.

Sharp 720 x 350 resolution supports many graphics applications. Compatible with MDA/Hercules® graphics and displays 80 columns x 25 rows.

Easy-to-reach screen controls and a standard tilt-swivel base for easy adjustment of viewing angle.

Flat non-glare 12" screen in the MA2675 enhances contrast and prevents distortion in far corners of the screen.

Specifications Summary

CRT	12" screen, 90° deflection; non-glare, medium-persistence phosphor (flat screen in MA2675)
Resolution	720 dots x 350 lines
Display Format	80 columns x 25 rows
Display Area	8.03" x 5.31" (8.97" x 6.12" in MA2675)
Display Color	Amber-on-black
Compatibility	HGC, MDA
Scan Frequency	Horizontal: 18.43KHz Vertical: 50Hz
Signal Input	TTL
Video Bandwidth	20MHz
Dimensions	12.4" x 11.97" x 12.4" (MA 2565)
(W x H x D)	12.38" x 11.94" x 12.56" (MA 2675)

MZ4571/MZ4575

14" Flat-Screen Monochrome Monitors



20

Affordable monitor for text and spreadsheet applications requiring 132-column display and support for CGA graphics.

Crisp, dual-mode 720 x 350 resolution.

Supports MGA, MDA/Hercules and CGA graphics and displays up to 132 columns and up to 44 rows of text.

Flat 14" screen enhances contrast and prevents distortion in the far corners of the screen with a choice of white (MZ4571) or amber (MZ4575) tints.

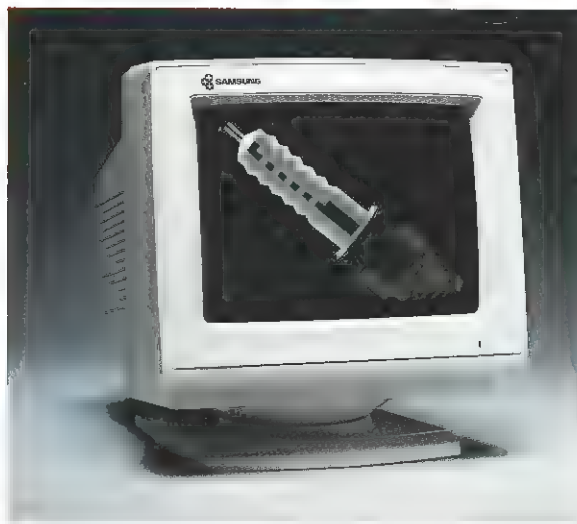
Up-front controls and tilt-swivel base for easy viewing adjustments.

Specifications Summary

CRT	14" screen 90° deflection; flat non-glare, medium-persistence phosphor
Resolution	Mode 1: 640 dots x 200 lines Mode 2: 720 dots x 350 lines
Display Formats	Mode 1: 80 columns x 25 rows Mode 2: 132 columns x 44 rows
Display Area	9.38" x 6.94"
Display Colors	White-on-black (Amber MZ4575)
Compatibility	CGA, HGC, MDA
Scan Frequency	Horizontal: 15.75KHz or 18.43KHz Vertical: 50Hz/60Hz
Signal Input	TTL
Video Bandwidth	25MHz
Dimensions	13.25" x 12.88" x 12.94" (W x H x D)

ML2611

12" White VGA Monitor



21

Full-featured and affordable, the ML2611 displays unlimited gray shades for optimum contrast and image clarity. Ideal for business graphics, desktop publishing and graphical interfaces.

VGA 640 x 480 resolution, with support for 720 x 350 and 720 x 400 display modes.

12" non-glare screen with a white-on-black display make graphics and text clear and sharp.

Fully VGA compatible, delivers unlimited gray shades. Analog input with a horizontal scanning frequency of 31.5KHz.

Includes up-front controls and tilt-swivel base.

Specifications Summary

CRT	12" screen, 90° deflection; non-glare, white-on-black display
Resolution	Mode 1: 720 dots x 350 lines Mode 2: 720 dots x 400 lines Mode 3: 640 dots x 480 lines
Display Format	80 columns x 25 rows
Display Area	8.44" x 6.32"
Display Colors	Unlimited gray shades
Compatibility	VGA
Scan Frequency	Horizontal: 31.5KHz Vertical: 60Hz/70Hz
Signal Input	Analog
Video Bandwidth	30MHz
Dimensions	12.5" x 10.75" x 12.25" (W x H x D)

ML4571

14" Flat Screen White VGA Monitor



22

Large, non-glare flat screen and white-on-black VGA monochrome display. Ideal for business graphics and desktop publishing.

VGA 640 x 480 resolution, with support for 720 x 350, and 720 x 400 display modes.

Etched, 14" non-glare flat screen with a white-on-black display make graphics and text clear and sharp.

Fully VGA compatible, delivers unlimited gray shades. Analog input with a horizontal scanning frequency of 31.5KHz.

Includes up-front controls and a tilt-swivel base.

Specifications Summary

CRT	14" flat screen, 90° deflection; non-glare, white-on-black display
Resolution	Mode 1: 720 dots x 350 lines Mode 2: 720 dots x 400 lines Mode 3: 640 dots x 480 lines
Display Format	80 columns x 25 rows
Display Area	9.4" x 6.9"
Display Colors	Unlimited gray shades
Compatibility	VGA
Scan Frequency	Horizontal: 31.5KHz Vertical: 60Hz/70Hz
Signal Input	Analog
Video Bandwidth	30MHz
Dimensions	13.25" x 12.88" X 12.94" (W x H x D)

CK4644/CK4656

14" CGA Color Monitors



23

An economical CGA color monitor that displays up to 16 colors on a 14" non-glare screen.

CGA 640 x 200 resolution, 16 color display and green text-mode add up to great value. A tight .41mm stripe width (CK4644) provides excellent graphics capabilities.

Convenient front mounted controls and standard tilt-swivel base.

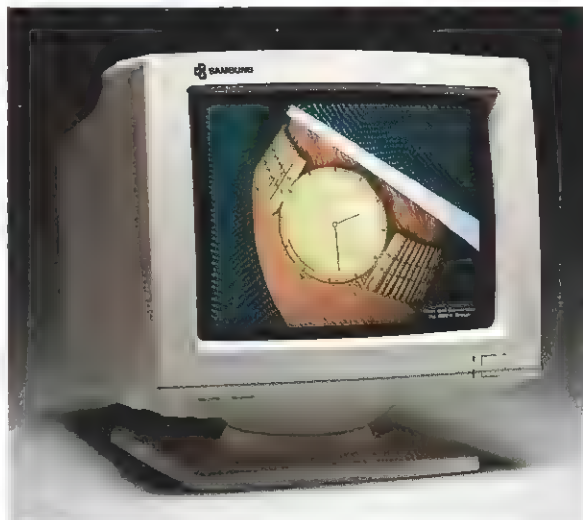
Low-cost CK4656 (.52mm stripe width) provides excellent color graphics for computer games and educational software.

Specifications Summary

CRT	14" screen, 90° deflection; non-glare, .41mm mask pitch stripe in the CK4644 (.52mm in the CK4656) color display
Resolution	640 dots x 200 lines
Display Area	9.06" x 7.09"
Display Colors	16 colors
Compatibility	CGA, MDA, HGC
Scan Frequency	Horizontal: 15.75KHz Vertical: 60Hz
Signal Input	TTL level RGB
Video Bandwidth	15MHz
Dimensions	13.46" x 13.62" x 14.8" (W x H x D)

EGA Color Monitor

14" Monitor Models CM4531/CM4593/CM4592



24

Clean, crisp text and sharp EGA graphics make the CM4531 ideal for graphical environments.

EGA 640 x 350 resolution, 64-color display, and tight .31mm dot pitch make the CM4531 a great value.

Dual-mode compatibility with EGA, CGA, MDA and Hercules graphics. Supports CGA 640 x 200 resolution and includes a tilt-swivel base.

The more affordable CM4593 (.39mm dot pitch, non-glare screen), or our most affordable CM4592 (.39mm dot pitch) are the best EGA choices on a budget.

Includes up-front controls and a tilt-swivel base.

Specifications Summary

CRT	14" screen, 90° deflection; non-glare, .31mm dot pitch (.39mm dot pitch on CM4593 and CM4592)
Resolution	Mode 1: 640 dots x 200 lines Mode 2: 640 dots x 350 lines
Display Format	80 columns x 25 rows
Display Area	9.84" x 6.69"
Display Colors	Mode 1: 16 colors Mode 2: 64 colors
Compatibility	EGA, CGA, HGC, MDA
Scan Frequency	Horizontal: 15.75KHz or 21.85KHz Vertical: 50Hz/60Hz
Signal Input	TTL/Level RGB
Video Bandwidth	20MHz
Dimensions	15.74" x 14.63" x 15.0" (W X H X D)

VGA-GraphicMaster™

14" Color Monitor Model CJ4681



25

VGA graphics monitor with exceptionally clear and remarkably crisp color display. Perfect for use in graphical environments.

VGA 640 x 480 resolution and tight .31mm dot pitch bring graphics to life. Horizontal scanning frequency is 31.5KHz and analog input is compatible with all popular video standards and the IBM PS/2®.

Fully VGA compatible, it provides an unlimited choice of striking bold and pastel colors, depending on choice of video adapter.

Black, 14" non-glare screen reduces viewing fatigue and keeps text razor sharp. Easy to reach, controls and tilt-swivel base makes viewing-angle adjustment fast and convenient.

Specifications Summary

CRT	14" screen, 90° deflection, non-glare, .31mm dot pitch
Resolution	Mode 1: 720 dots x 350 lines Mode 2: 720 dots X 400 lines Mode 3: 640 dots X 480 lines
Display Format	80 columns x 25 rows
Display Area	9.45" X 7.09"
Display Colors	Unlimited Colors
Compatibility	VGA
Scan Frequency	Horizontal: 31.5KHz Vertical: 60Hz/70Hz
Signal Input	Analog
Video Bandwidth	30MHz
Dimensions	14.5" x 14.06" x 15.13" (W X H X D)

SyncMaster®

14" Multi-Scan Color Monitor – Model CT4581



26

An adaptable 14" multi-scan color monitor that is ideal for business graphics, desktop publishing and text-based applications.

800 x 600 resolution images, vivid colors, and razor sharp text bring graphics to life. Tight .31mm dot pitch and 800 x 600 resolution keeps images bold and bright.

Black, 14" non-glare screen eliminates glare to reduce fatigue and enhance readability.

Fully compatible with all popular video standards including Super-VGA, VGA, EGA, CGA, PGA, MDA, HGC and Apple Mac® II with digital TTL and analog signal input.

Includes up-front controls.

Specifications Summary

CRT	14" diagonal screen 90° deflection, non-glare, .31mm dot pitch
Resolution	800 dots x 600 lines
Display Format	80 columns x 25 rows
Display Area	7.09" x 9.45"
Display Colors	Unlimited colors
Compatibility	Super-VGA, VGA, EGA, CGA, PGA, HGC, MDA and Apple Mac II
Scan Frequency	Horizontal: 15-38KHz Vertical: 47-73Hz
Signal Input	Analog or TTL (switch selectable)
Video Bandwidth	45MHz
Dimensions	14.17" x 13.82" x 15.20" (W x H x D)

SyncMaster GS

14" Flat-Screen Monitor – Model MF4771



27

Flat-screen, 14" multi-scan monochrome monitor. Compatible with both Apple Mac II and IBM systems, the SyncMaster GS is ideal for desktop publishing, text-based applications, and graphics.

Super-VGA 800 x 600 resolution and unlimited gray shades. Paper-white phosphor produces images that are crisp, bright and super-clear.

Compatible with all popular video standards including Super-VGA, VGA, EGA, CGA, MDA, Hercules, PGA and Apple Mac II.

Up-front controls and a tilt-swivel base for easy viewing adjustments.

Specifications Summary

CRT	14" screen, 90° deflection, non-glare, medium persistence phosphor
Resolution	800 dots x 600 lines
Display Format	80 columns x 25 rows
Display Area	9.06" x 6.69"
Display Colors	Unlimited gray shades
Compatibility	Super-VGA, VGA, EGA, CGA, PGA, HGC, MDA, Apple Mac II
Scan Frequency	Horizontal: 15-38KHz Vertical: 48-72Hz
Signal Input	Separate analog TTL; Sync Signal: Separate TTL, Composite TTL
Video Bandwidth	30MHz
Dimensions	14.1" x 13.1" x 12.8" (W x H x D)

SyncMaster 2

14" Color Monitor – Model CVB4581



28

Adaptable 14" multi scan color monitor for business graphics, desktop publishing, text-based applications, and graphical environments.

Super-VGA 1,024 x 768 resolution and unlimited color display bring graphics to life.

Fully VGA compatible, displays an unlimited choice of bold and pastel colors. Analog input compatible with all popular video standards, including Super-VGA and 8514/A.

Black, 14" non-glare screen reduces fatigue and enhances readability. Tight .31mm dot pitch provides sharp display of both text and graphics. Includes a tilt-swivel base.

Specifications Summary

CRT	14" screen, 90° deflection; black non-glare, medium-short persistence phosphor, .31mm dot pitch
Resolution	Mode 1: 640 dots x 480 lines Mode 2: 800 dots x 600 lines Mode 3: 1,024 dots x 768 lines
Display Format	80 columns x 25 rows
Display Area	9.44" x 7.09"
Display Colors	Unlimited colors
Compatibility	Super-VGA, 8514/A, VGA
Scan Frequency	Horizontal: 31.5KHz or 35.5KHz Vertical: 56/60/70/86.8Hz
Signal Input	RGB analog
Video Bandwidth	45MHz
Dimensions	14.17" x 13.07" x 14.80" (W x H x D)

SyncMaster 3

14" Color Monitor – Model CVB4587



29

Versatile 14" multi-scan color monitor ideal for business graphics, desktop publishing, text-based applications, and graphical environments like Windows®, GEM® and Presentation Manager®.

Super-VGA 1,024 x 768 resolution and unlimited color display bring graphics to life.

Fully VGA compatible, displays an unlimited choice of striking bold and pastel colors. Analog input is compatible with Super-VGA and 8514/A.

Black, 14" non-glare screen and super tight dot pitch of .28mm provides razor-sharp display of text and graphics.

Specifications Summary

CRT	14" screen, 90° deflection; black non glare, medium-short persistence phosphor, .28mm dot pitch
Resolution	Mode 1: 640 dots x 480 lines Mode 2: 800 dots x 600 lines Mode 3: 1,024 dots x 768 lines
Display Format	80 columns x 25 rows
Display Area	9.44" x 7.09"
Display Colors	Unlimited colors
Compatibility	Super-VGA, 8514/A, VGA
Scan Frequency	Horizontal: 31.5KHz or 35.5KHz Vertical: 56/60/70/86.8Hz
Signal Input	RGB analog
Video Bandwidth	45MHz
Dimensions	14.2" x 13.1" x 14.8" (W x H x D)

SyncMaster 4

17" Multi-scan Color Monitor – Model CSA7571



30

Adaptable 17" multi-scan color monitor ideal for business graphics, desktop publishing, text-based applications and use with graphical environments. Compatible with both Apple Mac II and IBM compatible systems.

Super-VGA 1,024 x 768 resolution (non-interlaced) with unlimited choice of colors. Tight .31mm dot pitch provides bold, crisp images.

Fully compatible with VGA, EGA, CGA, MDA, Hercules, PGA and Apple Mac II. Horizontal scanning frequencies automatically adjust from 20KHz to 50KHz.

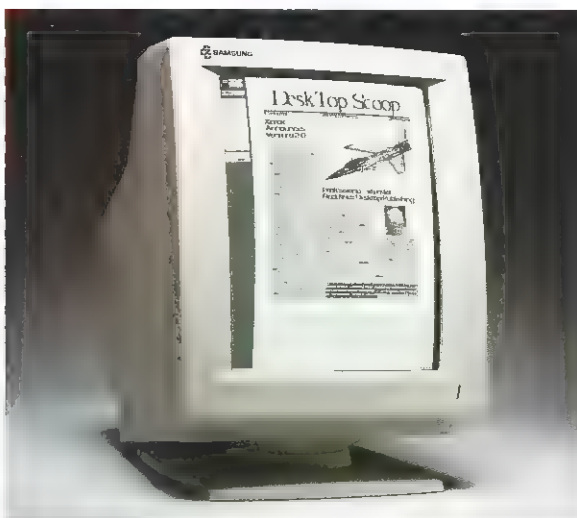
Black, 17" non-glare screen reduces fatigue and enhances text and graphics.

Specifications Summary

CRT	17" screen, 90° deflection; non-glare, .31mm dot pitch
Resolution	Mode 1: 1,024 dots x 768 lines Mode 2: 800 dots x 600 lines Mode 3: 640 dots x 480 lines
Display Format	80 columns x 25 rows
Display Area	11.4" x 8.65"
Display Colors	TTL input, 8/16/64 colors; analog input, unlimited colors
Compatibility	Super-VGA, VGA, EGA, CGA, PGA, HGC, MDA, Apple Mac II
Scan Frequency	Horizontal: 20KHz or 50KHz Vertical: 50Hz-90Hz
Signal Input	RGB analog, RGB TTL
Video Bandwidth	50MHz
Dimensions	21.3" x 22.8" x 22.4" (W x H x D)

PageMaster™ /PageMaster 1

15" Full-Page Monitors – Models MP5671/MP5771



31

A full-page vertical display with 1,006 x 1,048 (IBM) or 640 x 870 (Apple Mac II) resolution designed for desktop publishing, spreadsheet and text applications.

15" non-glare full-page display with 1,006 x 1,048 resolution and four gray scale shades.

Full-page video controller board (CPC21A) and software drivers disk for IBM and compatibles, or a CMT21M controller for the Apple Mac II is included with each monitor. Also available is a CMSII controller for the Mac SE.

A 15" flat screen in the PageMaster 1 provides clarity and detail.

Specifications Summary

CRT	15" diagonal, 110° deflection; non-glare, paper-white phosphor, white-on-black display (Flat screen in PageMaster 1)
Resolution	1,006 dots x 1,048 lines (IBM) 640 dots x 870 lines (Apple)
Display Format	82 columns x 66 rows
Display Area	7.99" x 9.65"
Display Colors	4 gray shades (IBM version)
Compatibility	HGC
Scan Frequency	Horizontal: 62.75KHz Vertical: 59.88Hz
Signal Input	ECL
Video Bandwidth	70MHz
Dimensions	12.68" x 16.54" x 13.7" (W x H x D)

PageMaster 2

20" Dual-Page Monitor – Model MU9511



32

Landscape format, dual-page monitor designed for desktop publishing and CAD/CAM applications. A black, non-glare screen, and paper-white phosphor keep graphics and text sharp and clear.

Super-high 1,280 x 1,024 resolution for sharply detailed text and graphics. Dual-page display is ideal for two-page editing.

Viewing comfort is enhanced by a 63Hz non-interlaced refresh rate for flicker-free viewing. Tilt-swivel base adjusts easily for optimum viewing angle. Bandwidth is 110MHz.

Video Controller board and software drivers diskette are included.

Specifications Summary

CRT	20" screen, 110° deflection; non-glare, paper-white phosphor
Resolution	1,280 dots X 1,024 lines
Display Format	142 columns x 68 rows
Display Area	14.17" x 10.67"
Display Colors	4 gray shades
Compatibility	Depends on video board
Scan Frequency	Horizontal: 66KHz Vertical: 63Hz
Signal Input	ECL
Video Bandwidth	110MHz
Dimensions	18.4" X 17.69" X 15.45" (W x H x D)

DesignMaster™

20" CAD/CAM Color Monitor – Model CC9511



33

Landscape format, 20" color monitor provides the resolution necessary for the most demanding CAD/CAM/CAE applications.

High 1,280 x 1,024 resolution and .31mm dot pitch really brings images to life on a wide, 20" diagonal screen. Unlimited palette of vivid colors produces images that are bold, bright and exceptionally clear.

Wide-range horizontal frequency input signal from 46 to 64KHz and 100MHz bandwidth for optimum compatibility and flicker-free images.

Up-front controls simplify monitor adjustment and tilt-swivel base adjusts easily for optimum viewing angle.

Specifications Summary

CRT	20" screen, 90° deflection; non-glare, .31mm dot pitch
Resolution	1,280 dots x 1,024 lines
Display Format	142 columns x 68 rows
Display Area	14.17" x 10.63"
Display Colors	Unlimited colors
Compatibility	Depends on video board
Scan Frequency	Horizontal: Selected ranges of 46-52KHz, 52-58KHz, 58-64KHz Vertical: 55Hz-65Hz (non-interlaced)
Signal Input	Analog BNC
Video Bandwidth	100MHz
Dimensions	19.1" X 20.7" X 18.9" (W x H x D)

SVGA1

Video Graphics Adapter



34

The 8-bit SVGA1 provides up to 800 x 600 resolution and is compatible with a wide range of video standards including VGA, EGA, CGA, MDA and Hercules graphics. Includes software drivers for Ventura Publisher®, Aldus PageMaker®, Windows, GEM and AutoCAD/AutoSHADE®.

Includes 256K of RAM for high-speed video frame buffering and faster screen updates. Compatible with digital/TTL (9-pin) and analog (15-pin) monitors.

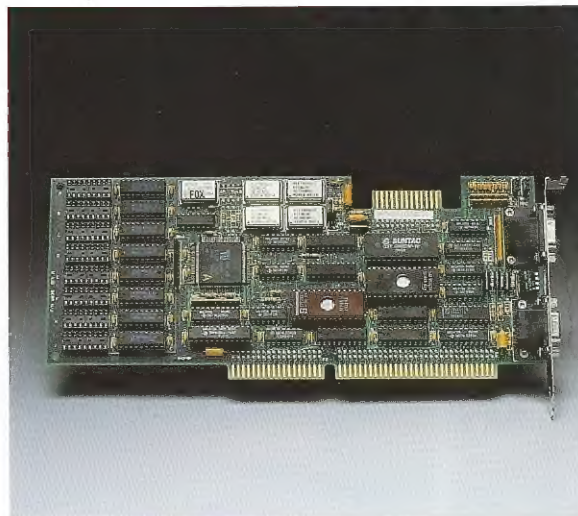
Versatile color display can show 16 colors in 800 x 600 mode or in standard 640 x 480 mode and supports 256 colors in 320 x 200 mode.

Specifications Summary

Compatibility	IBM PC and compatibles		
Video Controller	Cirrus 510/520		
Video Display Memory	256KB, 100ns DRAM		
Maximum Dot Clock	32.51MHz		
Bus Type	IBM PC (8-bit) or AT (16-bit)		
Drivers Included	800 x 600 graphics modes		
Operating Modes	Resolution	Colors	Palette
	800 x 600	Monochrome	N/A
	800 x 600	16	256,000
Display Formats	132 cols. x 44 rows		
	132 cols. x 25 rows		
	Super-VGA, VGA, EGA, CGA, MDA and Hercules modes		

SVGA16

Video Graphics Adapter



35

Offers superior resolution, and compatibility with all popular video standards including Super-VGA, VGA, EGA, CGA, MDA and Hercules graphics. Delivers 1,024 x 768 and 800 x 600 resolution and includes software drivers for Ventura Publisher, Aldus Pagemaker, Windows, GEM, and AutoCAD/AutoSHADE.

Includes 256K of RAM upgradable to 512K, compatible with digital/TTL (9-pin) and analog (15-pin) monitors.

Versatile color display lets you show 16 colors in 1,024 x 768 or 800 x 600 mode, and up to 256 colors in standard 640 x 480 mode with optional 256K memory upgrade.

Specifications Summary

Compatibility	IBM PC and compatibles		
Video Controller	Tseng Labs ET 3000AX		
Video Display Memory	256KB, 100ns DRAM		
Maximum Dot Clock	44.9MHz		
Bus Type	IBM PC (8-bit) or AT (16-bit)		
Drivers Included	800 x 600 graphics modes		
Operating Modes	Resolution	Colors	Palette
	800 x 600	Monochrome	N/A
	800 x 600	16	256,000
Display Formats	1,024 x 768		
	132 cols. x 44 rows		
	132 cols. x 25 rows		
Display Formats	Super-VGA, VGA, EGA, CGA, MDA and Hercules modes		
	Super-VGA, VGA, EGA, CGA, MDA and Hercules modes		
	Super-VGA, VGA, EGA, CGA, MDA and Hercules modes		

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